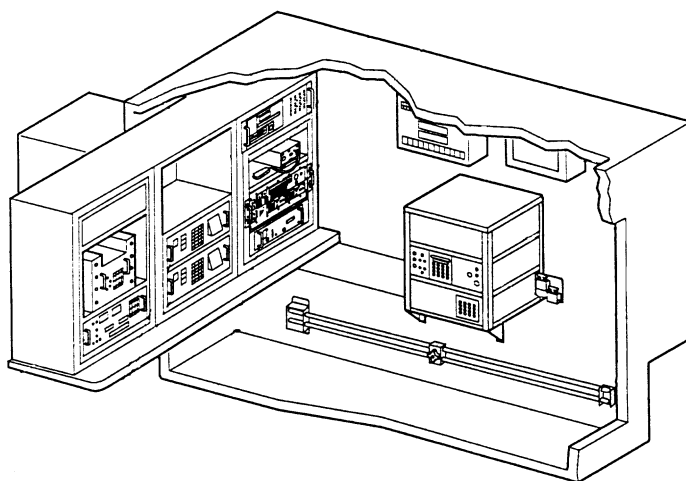


## AN/TTC-48V1



### SYSTEM IDENTIFIERS

NOMENCLATURE:	Small Extension Node Switch (SMENS)
SSN:	W1650000GCH
LIN:	S25447
NSN:	5805-01-245-9058
AMIM NO:	N/A
EIC:	HHK
FUEL TYPE:	-----

### SYSTEM DESCRIPTION

The AN/TTC-48V1 Small Extension Node Switch (SMENS) is a component of the Mobile Subscriber Equipment (MSE) communications network. It includes two SB-4303 small switch boards, a MSE packet network consisting of one packet switch, two local area network (LAN) ports, five dipphase X.25 ports, a 16 kbps digital transmission modem which interfaces with commercial telephone systems, a digital transmission group and a mounting bracket for the AN/GRC-224 Down-The-Hill (DTH) radio. SMENS provides local switching and routing its subscribers. Access to AN/TTC-47 node centers and other MSE networks is via AN/TRC-190 Line-Of-Sight radios or a AN/GRC-224 DTH via cable or encrypted voice.

The list below identifies components associated with this weapon/materiel system.

### AN/TTC-48V1

<u>LIN</u>	<u>NSN</u>	<u>NOMENCLATURE</u>
A23828	4120-00-411-5442	AIR CONDITIONER, FL/WALL A/C
G26890	6110-00-985-7574	DISTRIBUTION BOX, J-1077/U
S01427	5411-00-489-6076	SHELTER NONEXPANDABLE
T45408	5805-01-246-6826	TELEPHONE DIGITAL NON-SECURE VOICE

### SYSTEM VARIANTS

<u>MDS</u>	<u>LIN</u>	<u>NSN</u>
AN/TTC-48V1	S25447	5805-01-244-4257
AN/TTC-48V2	S25379	5805-01-245-9058
AN/TTC-48AV1	S25447	5805-01-309-4650
AN/TTC-48AV2	S25379	5805-01-310-2539
AN/TTC-48BV1	S25447	5805-01-324-0861
AN/TTC-48BV2	S25379	5805-01-324-0862
AN/TTC-48C1	S25379	5805-01-329-4802
AN/TTC-48C2	S25379	5805-01-329-4808
AN/TTC-48C3	S25379	5805-01-329-4809

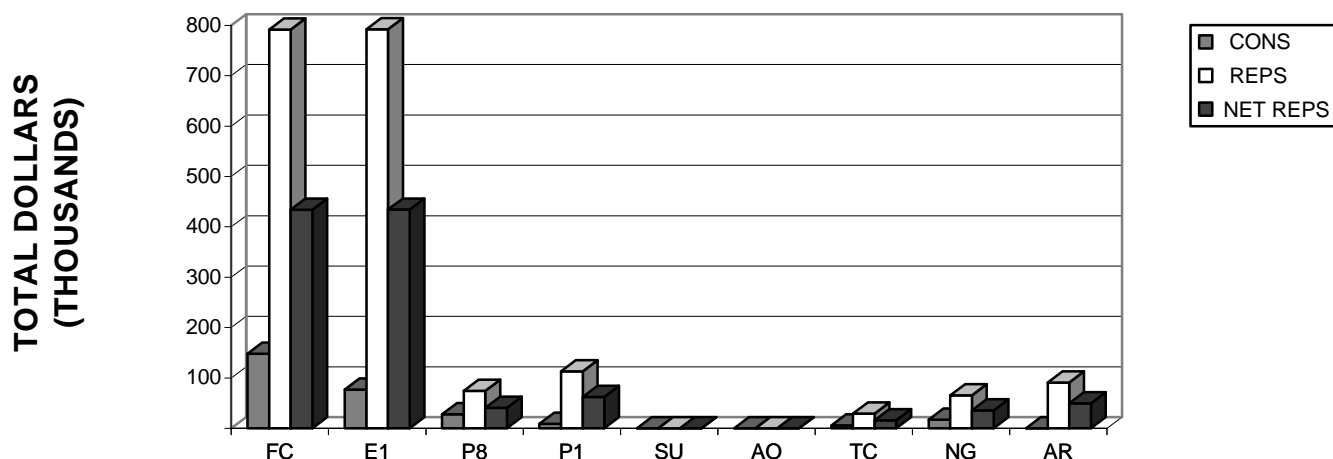
This summary provides an overview of FY 94 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analyses and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

<p align="center"><b>AN/TTC-48V1</b></p> <p align="center"><b>FY 94 TOTAL ARMY COST SUMMARY</b></p> <p align="center"><b>(FY 94 Constant Dollars)</b></p>
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<div>DENSITY</div> <div>NUMBER OF SYSTEMS414</div>	<div>DEPOT END ITEM MAINTENANCE (5.061)</div> <div>TOTAL\$0</div> <div>QUANTITY COMPLETED0</div> <div>AVG COST/END ITEM\$0.00</div>																
<div>CLASS III-POL (5.05)</div> <div>NOT APPLICABLE</div>	<div>DEPOT SECONDARY ITEM MAINTENANCE</div> <div>TOTAL\$5,229</div> <div>QUANTITY COMPLETED12</div> <div>AVG COST/SECONDARY ITEM\$435.75</div>																
<div>CLASS V-AMMUNITION (2.11)</div> <div>NOT APPLICABLE</div>	<div>INTERMEDIATE MAINTENANCE</div> <table><tr><td></td><td><u>DS/GS</u></td><td><u>CIVILIAN</u></td></tr><tr><td>MIL/CIV LABOR COST</td><td>\$61,241</td><td>\$341,784</td></tr><tr><td>AVG COST/SYSTEM</td><td>\$147.93</td><td>\$825.57</td></tr><tr><td>MAINTENANCE MANHOURS</td><td>3,687</td><td>11,858</td></tr><tr><td>MMHs/SYSTEM</td><td>8.91</td><td>28.64</td></tr></table>		<u>DS/GS</u>	<u>CIVILIAN</u>	MIL/CIV LABOR COST	\$61,241	\$341,784	AVG COST/SYSTEM	\$147.93	\$825.57	MAINTENANCE MANHOURS	3,687	11,858	MMHs/SYSTEM	8.91	28.64	
	<u>DS/GS</u>	<u>CIVILIAN</u>															
MIL/CIV LABOR COST	\$61,241	\$341,784															
AVG COST/SYSTEM	\$147.93	\$825.57															
MAINTENANCE MANHOURS	3,687	11,858															
MMHs/SYSTEM	8.91	28.64															
<div>CLASS IX MATERIEL-PARTS (5.04/5.03)</div> <table><tr><td></td><td>FY 94</td><td>AVG COST</td></tr><tr><td></td><td><u>DOLLARS</u></td><td><u>PER SYSTEM</u></td></tr><tr><td>CONSUMABLES</td><td>\$284,687</td><td>\$687.65</td></tr><tr><td>NET REPARABLES</td><td>\$1,072,729</td><td>\$2,591.13</td></tr><tr><td>NET TOTAL COSTS</td><td>\$1,357,416</td><td>\$3,278.78</td></tr></table>				FY 94	AVG COST		<u>DOLLARS</u>	<u>PER SYSTEM</u>	CONSUMABLES	\$284,687	\$687.65	NET REPARABLES	\$1,072,729	\$2,591.13	NET TOTAL COSTS	\$1,357,416	\$3,278.78
	FY 94	AVG COST															
	<u>DOLLARS</u>	<u>PER SYSTEM</u>															
CONSUMABLES	\$284,687	\$687.65															
NET REPARABLES	\$1,072,729	\$2,591.13															
NET TOTAL COSTS	\$1,357,416	\$3,278.78															

The following graph and table display FY 94 Class IX costs for consumables (CONS), reparable, (REPS), and net reparable (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

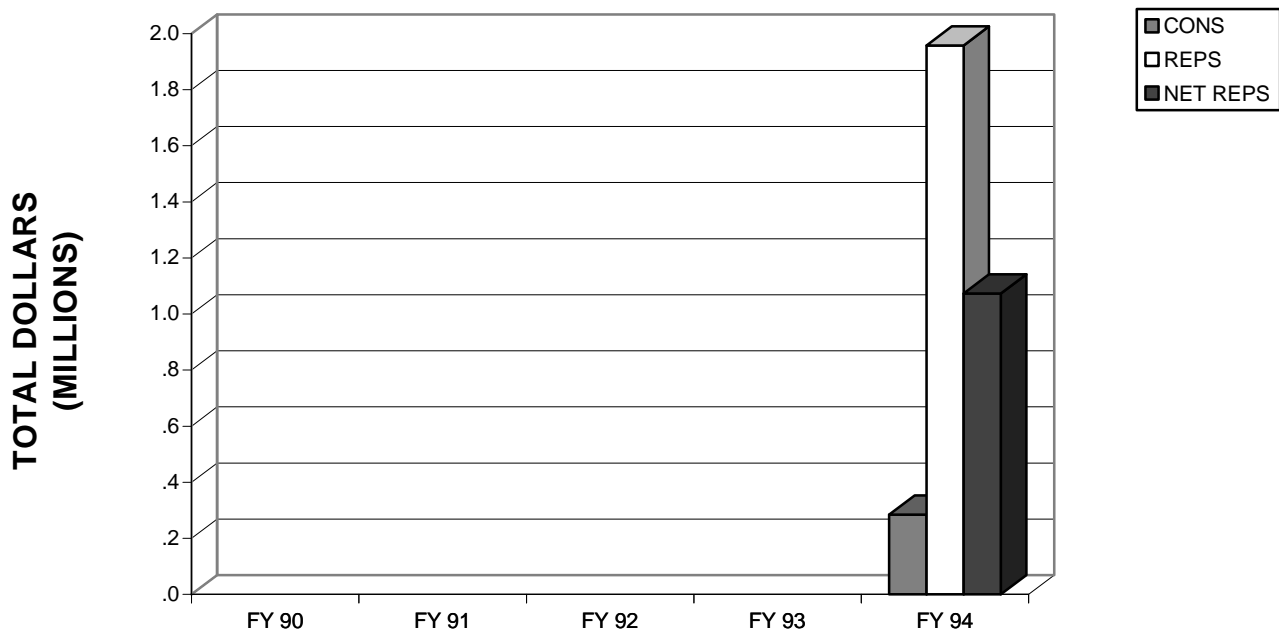
### AN/TTC-48V1



AN/TTC-48V1							
FY 94 MACOM CLASS IX COSTS							
MACOM		CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
CODE	NAME						
FC	FORSCOM	148,322	791,882	433,949	582,271	164	3,550
E1	USAREUR	76,601	792,578	434,330	510,931	87	5,873
P8	EUSA	27,988	74,448	40,797	68,785	24	2,866
P1	USARPAC	8,950	113,223	62,048	70,998	16	4,437
SU	USARSO	0	0	0	0	0	0
AO	USASOC	0	0	0	0	0	0
TC	TRADOC	5,541	29,259	16,034	21,575	4	5,394
NG	ARNG	17,285	65,198	35,726	53,011	107	495
AR	USAR	0	90,952	49,845	49,845	12	4,154
TA	TOTAL ARMY	284,687	1,957,540	1,072,729	1,357,416	414	3,279

The following graph and table display FY 90-94 Class IX costs for consumables (CONS), reparable (REPS) and net reparable (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

### AN/TTC-48V1



AN/TTC-48V1 FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
FY 90						
FY 91						
FY 92						
FY 93						
FY 94	284,687	1,957,540	1,072,729	1,357,416	414	3,279

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 94 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS column by the total number of systems in the Army.

AN/TTC-48V1							
FY 94 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS							
WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	SENSORS	0	0	0	0	0	0
02	PROCESSING (ADPE)	0	0	0	0	0	0
03	COMMUNICATIONS	119,498	1,535,455	841,427	960,925	414	2,321
04	PERIPHERALS	0	11,769	6,449	6,449	414	16
05	ENVIRON SUPPORT	110,620	112,304	61,542	172,162	414	416
06	APPLICATIONS SFT	0	0	0	0	0	0
07	SYSTEM SOFTWARE	0	0	0	0	0	0
08	INT, ASSY, TEST, C/O	0	0	0	0	0	0
09	OTHER	54,569	298,012	163,311	217,880	414	526
	TOTAL	284,687	1,957,540	1,072,729	1,357,416	414	3,279

The following table displays FY 90-94 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TTC-48V1						
FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS						
WBS	NAME	FY 90 NET TOTAL COSTS	FY 91 NET TOTAL COSTS	FY 92 NET TOTAL COSTS	FY 93 NET TOTAL COSTS	FY 94 NET TOTAL COSTS
01	SENSORS					0
02	PROCESSING (ADPE)					0
03	COMMUNICATIONS					960,925
04	PERIPHERALS					6,449
05	ENVIRON SUPPORT					172,162
06	APPLICATIONS					0
07	SYSTEM SOFTWARE					0
08	INT, ASSY, TEST, C/O					0
09	OTHER					217,880
	TOTAL					1,357,416
	NUM OF SYSTEMS					414
	AVG PER SYSTEM					3,279

**AN/TTC-48V1**  
**TOP 40 COST DRIVERS**  
**CLASS IX CONSUMABLES (NON-DLRs)**

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE	FY 94 QTY
1.	4130010369101	COMPRESSOR UNIT,REF	05B	Z		J2200	2,041.40	15.74
2.	6240004910402	LAMP,INCANDESCENT	09	Z		J2200	18.52	1,252.90
3.	2540009260993	COVER,FITTED,VEHICU	05C	Z		J2200	194.00	115.38
4.	6105001849059	MOTOR,ALTERNATING C	05A	Z		J2200	1,022.83	19.19
5.	5825013430776	RECEIVER-TRANSMITTE	03E	Z		Q2200	667.52	25.17
6.	6140000572553	BATTERY STORAGE	09	F		K21PU	47.22	321.30
7.	6105012658692	MOTOR,ALTERNATING C	05A	F		J2100	1,321.72	9.66
8.	5965011283944	HANDSET	03A	Z		Q2200	69.07	125.58
9.	2920012646542	GENERATOR,ENGINE AC	05C	F		K21N5	994.00	6.57
10.	5995010256231	CABLE ASSEMBLY,SPEC	03J	Z		Q22RH	1,320.13	4.79
11.	5920013406050	ARRESTER,ELECTRICAL	03J	Z		G22RW	742.00	7.80
12.	5995013141262	CABLE ASSEMBLY,POWE	03J	F		G21RW	473.00	10.69
13.	4120012520352	CONTROL MODULE ASSY	05B	O		J2100	812.41	5.86
14.	5995011696343	CORD ASSEMBLY,ELECT	03J	Z		Q2200	78.95	58.06
15.	5998011469150	ELECTRONIC COMPONENT	03J	Z		Q2200	575.45	6.67
16.	5995010793719	CABLE ASSEMBLY,SPEC	03J	F		G21RQ	402.00	9.27
17.	5945000077669	RELAY,ELECTROMAGNET	03J	Z		Q2200	201.18	17.97
18.	4140012571862	FAN,CENTRIFUGAL	05B	Z		E2200	486.13	7.37
19.	5998010240379	CIRCUIT CARD ASSEMB	03J	H		G215S	398.20	8.37
20.	5935005778846	CONNECTOR,PLUG,ELEC	03J	Z		Q2200	203.44	15.87
21.	5995013141263	CABLE ASSEMBLY,POWE	03J	F		G21RW	593.00	5.22
22.	5999012637665	HIGH VOLTAGE ASSY	03J	F		G21RW	1,688.00	1.82
23.	4140012571863	FAN,CIRCULATING	05B	Z		E2200	2,411.52	1.18
24.	4540004447114	HEATING ELEMENT,ELE	09	Z		J2200	73.72	37.20
25.	5999008233262	CONTACT ASSEMBLY ELE	03J	F		G21RH	89.23	27.41
26.	4820001857659	VALVE,EXPANSION	09	Z		J2200	110.71	21.05
27.	5995012711599	CABLE ASSEMBLY,POWE	03J	F		G21RW	1,459.00	1.30
28.	5995013112964	CABLE ASSEMBLY,SPEC	03J	F		G21RW	237.00	8.00
29.	5935003424105	CONNECTOR,PLUG,ELEC	03J	Z		Q2200	27.51	66.58
30.	5340010539892	COVER,ACCESS	09	Z		T2200	26.06	68.72
31.	5998003321820	CIRCUIT CARD ASSEMB	03J	H		G21RQ	215.00	8.18
32.	5945005496348	RELAY,ELECTROMAGNET	03J	Z		Q2200	94.69	18.10
33.	5925012574312	CIRCUIT BREAKER	03J	Z		G22RW	240.00	6.39
34.	5995012569043	CORD ASSEMBLY,ELECT	03J	Z		Q2200	141.87	10.00
35.	5945009979335	RELAY,ELECTROMAGNET	03J	Z		Q22RJ	182.79	7.55
36.	4130011903120	CONDENSER COIL ASSE	05B	Z		J2200	328.06	3.87
37.	5995011430697	CORD ASSEMBLY,ELECT	03J	Z		Q2200	121.91	9.96
38.	5975008783791	ROD,GROUND	03J	Z		Q2200	19.04	62.04
39.	5945004825770	RELAY,ELECTROMAGNET	03J	Z		Q2200	38.26	30.67
40.	5930001908729	SWITCH,PRESSURE	03J	Z		Q2200	33.12	34.90

NUMBER OF SYSTEMS	414
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NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

**AN/TTC-48V1**  
**CONSUMABLES (NON-DLRs)**

EXTENDED COST (QTY * UNIT PRICE)	AVERAGE COST	AVERAGE QUANTITY	FY 90-94 FIVE YEAR AVERAGE	
	PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST
32,132	77.61	3.8019		
23,203	56.05	302.6329		
22,384	54.07	27.8696		
19,628	47.41	4.6353		
16,802	40.58	6.0797		
15,171	36.64	77.6087		
12,767	30.84	2.3333		
8,675	20.95	30.3333		
6,531	15.78	1.5870		
6,323	15.27	1.1570		
5,788	13.98	1.8841		
5,056	12.21	2.5821		
4,761	11.50	1.4155		
4,585	11.07	14.0242		
3,838	9.27	1.6111		
3,726	9.00	2.2391		
3,614	8.73	4.3406		
3,583	8.65	1.7802		
3,333	8.05	2.0217		
3,229	7.80	3.8333		
3,096	7.48	1.2609		
3,072	7.42	0.4396		
2,845	6.87	0.2850		
2,742	6.62	8.9855		
2,446	5.91	6.6208		
2,331	5.63	5.0845		
1,897	4.58	0.3140		
1,896	4.58	1.9324		
1,832	4.43	16.0821		
1,791	4.33	16.5990		
1,759	4.25	1.9758		
1,714	4.14	4.3720		
1,533	3.70	1.5435		
1,418	3.43	2.4155		
1,380	3.33	1.8237		
1,270	3.07	0.9348		
1,214	2.93	2.4058		
1,183	2.86	14.9855		
1,173	2.83	7.4082		
1,157	2.79	8.4300		

242,878	85.3%	TOP 40
41,809	14.7%	OTHERS
=====		
284,687		

**AN/TTC-48V1**  
**TOP 40 COST DRIVERS**  
**CLASS IX REPARABLES (DLRs)**

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE		FY 94 QTY
							W/O CREDIT	W/CREDIT	
1.	5998012607627	CIRCUIT CARD ASSEM	03J	D	E	G21RW	4,778.00	2,618.34	136.41
2.	6130012529724	CHARGER,BATTERY	09	D	E	G21RW	8,259.00	4,525.93	35.88
3.	5998013270255	CIRCUIT CARD ASSEM	03J	D	E	G24RW	6,214.00	3,405.27	25.78
4.	5998013257041	CIRCUIT CARD ASSEM	03J	D	E	G24RW	7,542.00	4,133.02	20.77
5.	6130012620588	POWER SUPPLY	05A	D	R	G21RW	6,477.00	3,549.40	10.76
6.	5998013257045	CIRCUIT CARD ASSEM	03J	D	E	G24RW	7,381.00	4,044.79	7.69
7.	5998013554091	CIRCUIT CARD ASSEM	03J	D	E	G21RW	3,607.00	1,976.64	14.57
8.	5805012536148	SWITCHBOARD,TELEF	03J	D	E	G23RW	41,861.00	22,939.83	0.94
9.	6130013251852	POWER SUPPLY ASSE	05A	D	E	G21RW	7,709.00	4,224.53	4.67
10.	5998013380574	CIRCUIT CARD ASSEM	03J	D		G21RW	1,592.00	872.42	22.07
11.	5805012492642	BASE,TELEPHONE	03J	D	C	G21RW	2,389.00	1,309.17	12.57
12.	5998013257040	CIRCUIT CARD ASSEM	03J	D	E	G21RW	4,187.00	2,294.48	6.44
13.	5998013257038	CIRCUIT CARD ASSEM	03J	D	C	G21RW	2,800.00	1,534.40	6.75
14.	5998013692071	CIRCUIT CARD ASSEM	03J	D	E	G21RW	2,027.00	1,110.80	8.77
15.	5895013578582	PANEL,CONTROL,ELEI	03J	D	R	G21RW	8,227.00	4,508.40	2.10
16.	5998013314118	CIRCUIT CARD ASSEM	03J	D		G21RW	2,635.00	1,443.98	5.50
17.	5998012290692	CIRCUIT CARD ASSEM	03J	D	E	G21RQ	1,990.00	1,090.52	7.07
18.	5998013300719	CIRCUIT CARD ASSEM	03J	D	C	G24RW	2,778.00	1,522.34	4.55
19.	5998013257044	CIRCUIT CARD ASSEM	03J	D	D	G24RW	3,997.00	2,190.36	3.00
20.	7025013325470	DISK DRIVE UNIT	04C	D	E	G21RW	656.00	359.49	17.94
21.	5998012531043	CIRCUIT CARD ASSEM	03J	D		G215S	1,123.73	615.80	10.37
22.	5820013185819	RECEIVER-TRANSMIT	03E	D	D	G24RW	41,459.00	22,719.53	0.27
23.	5998013340711	CIRCUIT CARD ASSEM	03J	D	E	G21RW	2,674.00	1,465.35	3.52
24.	5998013686200	CIRCUIT CARD ASSEM	03J	D	D	G21RW	1,155.00	632.94	8.00
25.	5998013567006	CIRCUIT CARD ASSEM	03J	D	R	G24RW	806.00	441.69	10.71
26.	5998013503400	CIRCUIT CARD ASSEM	03J	D		G24RW	1,544.00	846.11	5.00
27.	5999012066013	CIRCUIT CARD ASSEM	03J	D		G215S	509.82	279.38	14.69
28.	5998010236705	CIRCUIT CARD ASSEM	03J	D		G215S	458.53	251.27	15.85
29.	5998013075494	CIRCUIT CARD ASSEM	03J	D	D	G21RQ	1,592.00	872.42	4.46
30.	5998013253088	CIRCUIT CARD ASSEM	03J	D	D	G21RH	1,774.00	972.15	4.00
31.	5998013314117	CIRCUIT CARD ASSEM	03J	D	R	G21RW	879.00	481.69	8.04
32.	6130013281617	POWER SUPPLY	05A	D	D	G21RW	8,932.00	4,894.74	0.74
33.	5805012540333	CONTROL,ORDERWIR	03J	D	R	G23RW	69,521.00	38,097.51	0.09
34.	5998012531040	CIRCUIT CARD ASSEM	03J	D		G215S	1,153.90	632.34	5.42
35.	5998013503399	CIRCUIT CARD ASSEM	03J	D		G24RW	1,544.00	846.11	4.00
36.	5998013686199	CIRCUIT CARD ASSEM	03J	D	D	G21RW	1,544.00	846.11	4.00
37.	5998012290694	CIRCUIT CARD ASSEM	03J	D		G21RQ	1,231.00	674.59	4.97
38.	5998011401277	CIRCUIT CARD ASSEM	03J	L		G21RY	980.00	537.04	6.22
39.	5998012607625	CIRCUIT CARD ASSEM	03J	D		G21RW	1,004.00	550.19	6.00
40.	5998013571235	CIRCUIT CARD ASSEM	03J	D	D	G24RW	2,635.00	1,443.98	2.10

NUMBER OF SYSTEMS	414
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NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

**AN/TTC-48V1  
REPARABLES (DLRs)**

EXTENDED COST (W/CREDIT) (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT)	AVERAGE QUANTITY	FY 90-94 FIVE YEAR AVERAGE	
	PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST (W/CREDIT)
357,168	862.72	32.9493		
162,391	392.25	8.6667		
87,787	212.05	6.2271		
85,843	207.35	5.0169		
38,191	92.25	2.5990		
31,105	75.13	1.8575		
28,799	69.56	3.5193		
21,563	52.08	0.2271		
19,728	47.65	1.1280		
19,254	46.51	5.3309		
16,457	39.75	3.0362		
14,777	35.69	1.5556		
10,357	25.02	1.6304		
9,742	23.53	2.1184		
9,468	22.87	0.5072		
7,942	19.18	1.3285		
7,710	18.62	1.7077		
6,927	16.73	1.0990		
6,571	15.87	0.7246		
6,449	15.58	4.3333		
6,385	15.42	2.5048		
6,134	14.82	0.0652		
5,159	12.46	0.8502		
5,064	12.23	1.9324		
4,730	11.43	2.5870		
4,231	10.22	1.2077		
4,105	9.92	3.5483		
3,984	9.62	3.8285		
3,891	9.40	1.0773		
3,888	9.39	0.9662		
3,871	9.35	1.9420		
3,623	8.75	0.1787		
3,429	8.28	0.0217		
3,427	8.28	1.3092		
3,384	8.17	0.9662		
3,384	8.17	0.9662		
3,352	8.10	1.2005		
3,340	8.07	1.5024		
3,301	7.97	1.4493		
3,032	7.32	0.5072		

1,029,943	96.0%	COST DRIVERS
42,786	4.0%	OTHERS
=====		
1,072,729		

The following table summarizes FY 94 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture. For reporting purposes, TRANSPORTATION costs recorded in the World Aircraft Logistics Conference (WALC)/Special Aircraft Assignment Mission (SAAM) records are shown in the OTHER maintenance category.

AN/TTC-48V1 FY 94 DEPOT MAINTENANCE COSTS							
COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	0	0	0	1,278	0	0
MILITARY LABOR	0	0	0	0	164	0	0
MATERIEL	0	0	0	0	925	0	0
TRANSPORTATION	0	0	0	0			
OVERHEAD	0	0	0	0	2,816	0	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	0	0	0	46	0	0
TOTAL	0	0	0	0	5,229	0	0
QTY COMPLETED	0	0	0	0	12	0	0
AVG COST	0	0	0	0	436	0	0

The table below summarizes FY 94 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.61). CIVILIAN LABOR COSTS are a summation from the source data.

AN/TTC-48V1 FY 94 INTERMEDIATE MAINTENANCE COSTS					
MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	1,315	21,842	11,858	341,784	28.82
USAREUR	1,096	18,205			
EUSA	649	10,780			
USARPAC	191	3,173			
USARSO	0	0			
USASOC	0	0			
TRADOC	0	0	0	0	0.00
ARNG	436	7,242			
USAR	0	0			
TOTAL ARMY	3,687	61,241	11,858	341,784	28.82

\*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 90-94 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 94 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. TRANSPORTATION costs are recorded in the WALC/SAAM records. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TTC-48V1 FIVE YEAR DEPOT MAINTENANCE COSTS										
COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
CIVILIAN LABOR					0					1,278
MILITARY LABOR					0					164
MATERIEL					0					925
TRANSPORTATION					0					
OVERHEAD					0					2,816
CONTRACT					0					0
OTHER					0					46
TOTAL					0					5,229
QTY COMPLETED					0					12
AVG COST					0					436

The table below summarizes FY 90-94 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 94 constant dollars. CIVILIAN LABOR COSTS are a summation from the source data. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TTC-48V1 FIVE YEAR INTERMEDIATE MAINTENANCE COSTS										
MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
FORSCOM					21,842					341,784
USAREUR					18,205					
EUSA					10,780					
USARPAC					3,173					
USARSO					0					
USASOC					0					
TRADOC					0					0
ARNG					7,242					
USAR					0					
TOTAL ARMY					61,241					341,784
LABOR HRS					3,687					11,858
COST PER HR					16.61					28.82

The following list shows the FY 94 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the MFM. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 94 TOTAL COST TO REBUILD/OVERHAUL by FY 94 QTY COMPLETED.

AN/TTC-48V1 FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REBUILD/ OVERHAUL	FY 94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
NO DATA AVAILABLE					

The following list shows the FY 94 Secondary Item Maintenance - Repairs Cost Drivers recorded in MFM. AVG COST TO REPAIR is calculated by dividing the costs in FY 94 TOTAL COST TO REPAIR by FY 94 QTY COMPLETED.

AN/TTC-48V1 FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REPAIR	FY 94 QTY COMPLETED	AVG COST TO REPAIR
5810-00-434-3644	SPEECH SECURITY	1,930	4,588	10	459
5995-01-079-3719	CABLE ASSEMBLY,S	402	641	2	321

The following list shows the FY 90-94 Secondary Item - Rebuild/Overhauls Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 90-94 TOTAL COST TO REBUILD/OVERHAUL by FY 90 -94 QTY COMPLETED.

AN/TTC-48V1 FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REBUILD/ OVERHAUL	FY 90-94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
NO DATA AVAILABLE					

The following list shows the FY 90-94 Secondary Item - Repairs Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REPAIR is calculated by dividing the costs in FY 90-94 TOTAL COST TO REPAIR by FY 90-94 QTY COMPLETED.

AN/TTC-48V1 FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REPAIR	FY 90-94 QTY COMPLETED	AVG COST TO REPAIR
5810-00-434-3644	SPEECH SECURITY	1,930	4,588	10	459
5995-01-079-3719	CABLE ASSEMBLY,S	402	641	2	321

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